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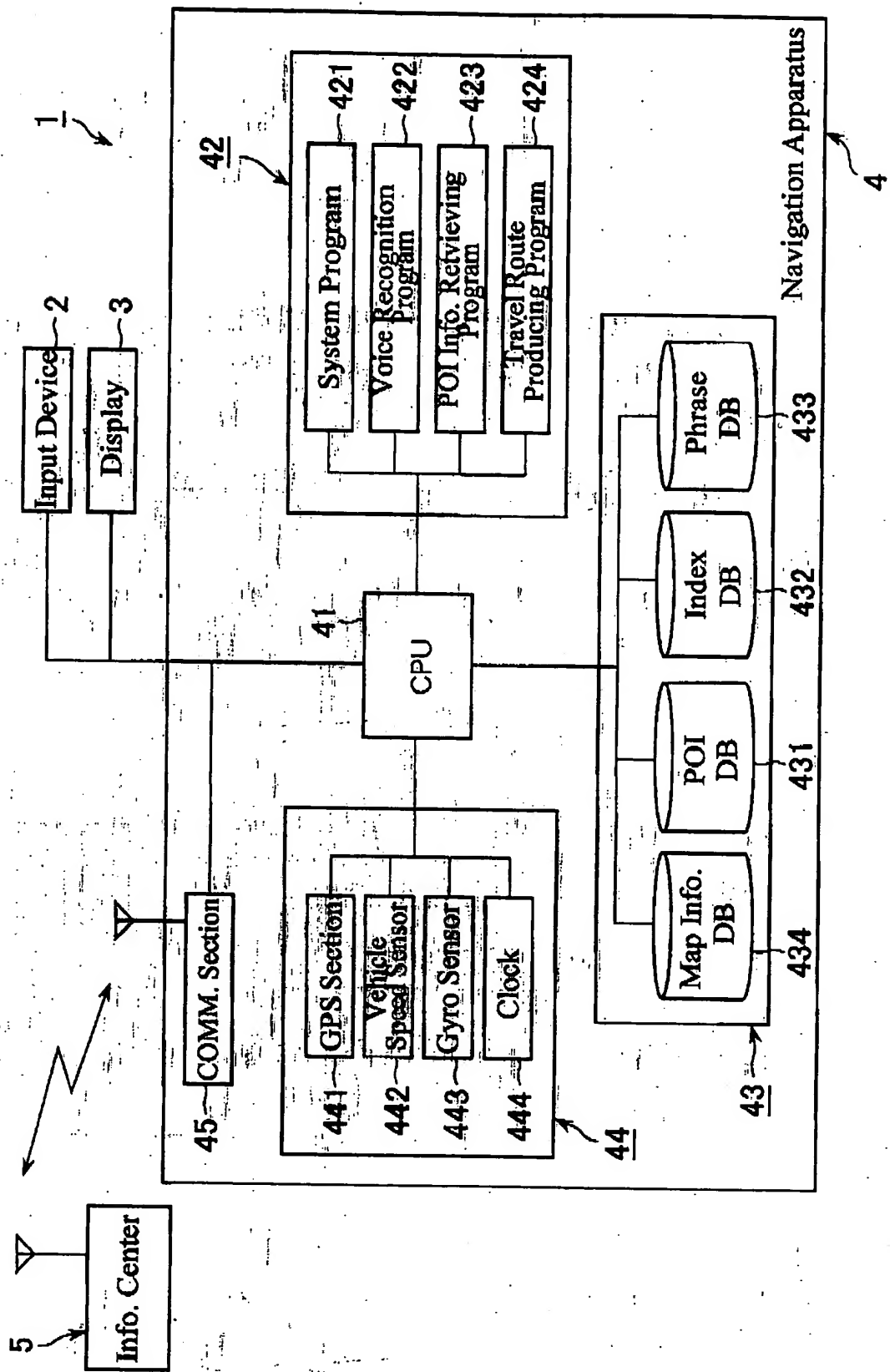


Fig. 1

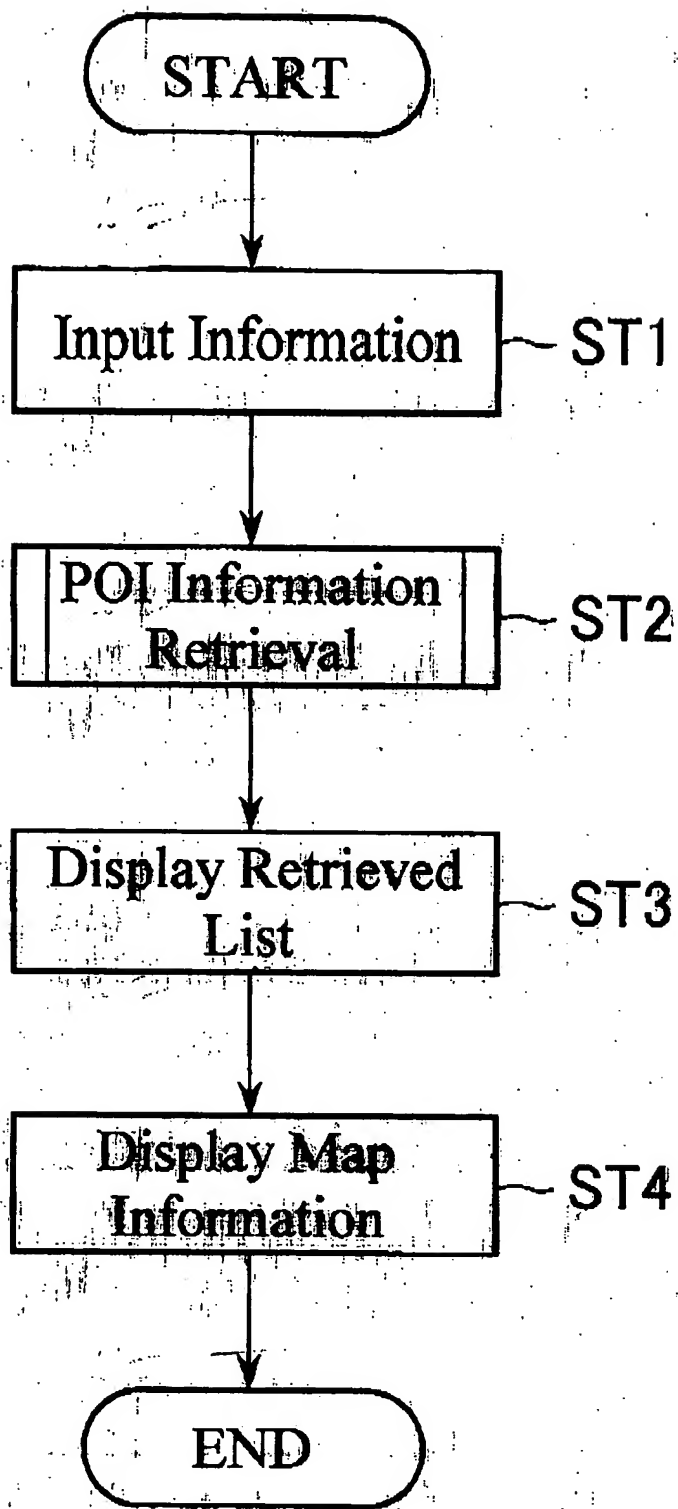


Fig. 2

Routin for Retrieving POI Information

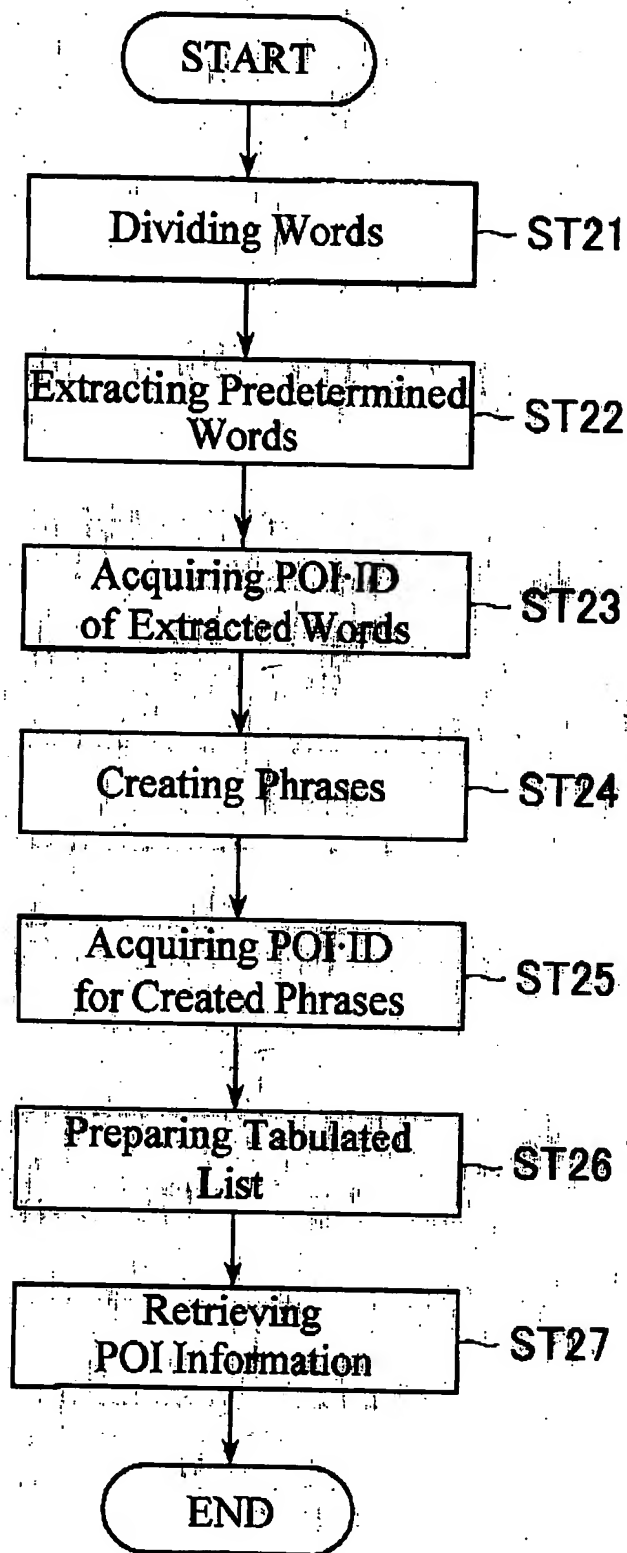


Fig. 3

(1) Input Information (ST1)

「I want a burger king in Pomona.」

(2) Dividing into Words (ST21)

I - want - a - burger - King - in - Pomona

(3) Extracting Predetermined Words (ST22)

| | | |
|--------|------|--------|
| Burger | King | Pomona |
|--------|------|--------|

(4) Creating Phrases (ST24)

| | |
|-------------|-----------|
| Burger King | In Pomona |
|-------------|-----------|

(5) Acquiring POI-ID (ST23,ST25)

| | |
|-----------------------------|--------|
| | POI ID |
| Burger King (Weight × 2) | 100 |
| | 260 |
| | 336 |
| | 389 |

| | |
|---------------------------|--------|
| | POI ID |
| In Pomona (Weight × 2) | 15 |
| | 24 |
| | 101 |
| | 336 |

| | |
|------------------------|--------|
| | POI ID |
| Burger (Weight × 1) | 100 |
| | 260 |
| | 336 |
| | 390 |

| | |
|----------------------|--------|
| | POI ID |
| King (Weight × 1) | 18 |
| | 38 |
| | 100 |
| | 336 |

| | |
|------------------------|--------|
| | POI ID |
| Pomona (Weight × 1) | 15 |
| | 24 |
| | 101 |
| | 336 |

(6) Preparing Compiled List of POI-ID (ST26)

| POI ID | Hit | Point |
|--------|-----|-------|
| 15 | 2 | 3 |
| 18 | 1 | 1 |
| 24 | 2 | 3 |
| 38 | 1 | 1 |
| 100 | 3 | 4 |
| 101 | 2 | 3 |
| 260 | 2 | 3 |
| 336 | 5 | 7 |
| 389 | 1 | 2 |
| 390 | 1 | 1 |

Fig. 4

| 00V II | | | |
|--------|--------|-----------------|-----------|
| NO | POI ID | Description | City |
| 1 | 336 | BurgerKing | Pomona |
| 2 | 100 | BurgerKing | Chino |
| 3 | 260 | BurgerKing | Covina |
| 4 | 101 | Jack in the box | Pomona |
| 5 | 24 | McDonald | Pomona |
| 6 | 15 | FatBurger | Pomona |
| 7 | 18 | Jack in the box | Chino |
| 8 | 389 | BurgerKing | Placentia |
| 9 | 38 | Jack in the box | Covina |
| 10 | 390 | FatBurger | Covina |

Fig. 5

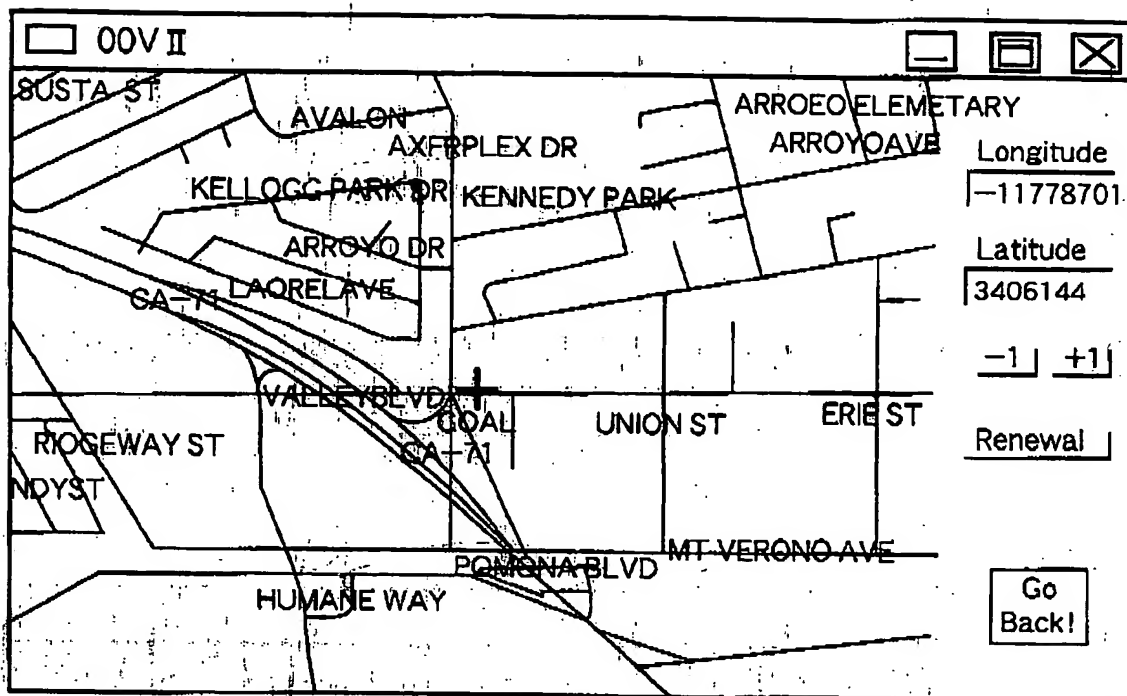


Fig. 6